



Vol. 25, No. 22
(ISSN-0194-4770)

July 15, 2002

Issued weekly (except monthly, Dec., Jan., and Feb.) by the
Oklahoma Agricultural Statistics Service, P.O. Box 528804, Oklahoma City, OK 73152
Phone (405) 522-6190
<http://www.nass.usda.gov/weather/cpcurr/ok-crop-weather>

- A combined contribution with
- Cooperative Extension Service
- USDA Farm Service Agency
- The Oklahoma Mesonet

Unseasonably Mild Temperatures Prevail Across The State

July 14- Scattered showers and unseasonably mild temperatures prevailed last week. The North Central district received the most rainfall with an average of 1.05 inches, while the West Central district received the least with an average of .02 inches. Seasonal average precipitation is below normal in all but the South Central and Southeast districts, with ranges from 53 percent of normal in the Panhandle to 116 percent of normal in the Southeast district. Topsoil moisture supplies began drying out with 12 percent rated very short, 27 percent short, 60 percent adequate and 1 percent surplus compared with 8 percent very short, 27 percent short, 63 percent adequate, and 2 percent surplus the previous week. This is far better than the previous year when 27 percent was rated very short and 55 percent short. Both topsoil and subsoil moisture continue to be rated mostly very short in the Panhandle district despite recent rains. Texas county reported farmers were running irrigation wells constantly to keep up with corn crop needs. There were 5.7 days suitable for fieldwork.

TOPSOIL MOISTURE BY PERCENT

	Very Short	Short	Adequate	Surplus
This Week	12	27	60	1
Last Week	8	27	63	2
Last Year	27	55	17	1

SUBSOIL MOISTURE BY PERCENT

	Very Short	Short	Adequate	Surplus
This Week	18	27	55	0
Last Week	16	28	55	1
Last Year	15	44	41	0

SMALL GRAINS: Winter wheat harvest was completed and 81 percent of the fields were plowed. Oat harvest was 94 percent done by weeks end, and 78 percent of fields were plowed. Farmers will soon be turning their attention to preparations for fall planting.

ROW CROPS: Corn entering the dough stage of development advanced rapidly; gaining 32 percentage points by weeks end. Ten percent of this years corn crop reached maturity by weeks end; ahead of last year and the 5 year average. Harmon county reported that producers should begin chopping corn silage within the next couple weeks. Sorghum planting was nearly complete and 88 percent had already emerged. Sorghum headed was 22 percent compared with 17 percent last year and the five year average of 10 percent. Isolated areas began seeing sorghum coloring. Soybean planting was virtually complete, and 96 percent had emerged by weeks end. Soybeans blooming gained 18 percentage points to reach 40 percent of the crop, and 22 percent had already began setting pods. Seventy six percent of this year's peanuts were pegging by weeks end, and 12 percent had begun setting pods. Cotton squaring reached 76 percent, well ahead of both last year and the five year average. Cotton setting bolls also advanced rapidly; gaining 16 percentage points to end the week at 20 percent. Crop insect pressures remained high in many areas with grasshoppers being the main pest. Infestations were the most severe in the West Central district.

ROW CROPS CONDITION BY PERCENT

Week Ending July 14, 2002

	Very Poor	Poor	Fair	Good	Excellent
Corn	1	3	28	57	11
Sorghum	4	13	32	49	2
Soybeans	1	5	35	52	7
Peanuts	0	2	18	70	10
Cotton	0	4	30	65	1

HAY: The second cutting of alfalfa was nearly complete, and the third cutting was moving quickly with 42 percent completed by weeks end. Alfalfa conditions continued to be rated mostly fair or good. Other hay first cutting continued ahead, gaining 2 percentage points from the previous week to end the week at 88 percent complete. The second cutting was about one third complete. Other hay was rated in mostly fair or good condition.

HAY CONDITION BY PERCENT

Week Ending July 14, 2002

	Very Poor	Poor	Fair	Good	Excellent
Alfalfa	1	3	24	60	12
Other Hay	2	5	30	52	11

PASTURE: There was very little change in range and pasture conditions, with most continuing to be rated in mostly fair or good condition. Conditions in the Panhandle district continued to be the poorest in the State with most range and pasture there rated in poor or very poor condition.

LIVESTOCK: Livestock continued to be rated in mostly good condition except in the Panhandle where poor range and pasture conditions have been taking their toll on herds. Cattle auctions reported a small increase in trading of steers, but slight decrease in heifers less than 800 pounds. The price for feeder steers less than 800 pounds was up about 40 cents per cwt. from the previous week and averaged \$80.00 per cwt. The price for feeder heifers less than 800 pounds was up 80 cents per cwt. and averaged \$75.40 per cwt.

LIVESTOCK CONDITION BY PERCENT

Week Ending July 14, 2002

	Very Poor	Poor	Fair	Good	Excellent
Livestock	2	3	23	58	14
Pasture & Range	3	5	25	53	14

MISCELLANEOUS CROPS: Watermelons were rated in mostly good or excellent condition. Harvest was gaining momentum with 22 percent completed by weeks end. McClain county reported that most sweet corn had matured, and harvest was nearly complete.

Oklahoma Crop-Weather Summary
P.O. Box 528804
Oklahoma City, Oklahoma 73152-8804

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TIME DATED MATERIAL

OKLAHOMA CROP PROGRESS									
Week Ending July 14, 2002									
Item	This Week	Last Week	Last Year	5-Yr. Avg	Item	This Week	Last Week	Last Year	5-Yr. Avg
Percent Development					Percent Development				
Wheat -					Peanuts -				
Plowed	81	71	87	66	Pegging	76	47	66	65
					Setting Pods	12	n/a	27	27
Oats -					Cotton -				
Harvested	94	91	99	95	Squaring	76	55	61	59
Plowed	78	58	87	60	Setting Bolls	20	4	8	8
Corn -									
Silking	79	61	63	41	Alfalfa -				
Dough	53	21	24	15	2 nd Cutting	99	97	99	93
Mature	10	n/a	2	1	3 rd Cutting	42	33	48	34
Sorghum -					Other Hay -				
Planted	98	96	100	98	1 st Cutting	88	86	89	84
Emerged	88	79	99	92	2 nd Cutting	34	24	27	14
Headed	22	7	17	10					
Coloring	2	n/a	1	1	Watermelons -				
Soybeans -					Setting Fruit	98	89	99	91
Planted	99	95	99	94	Harvested	22	5	43	19
Emerged	96	91	98	87					
Blooming	40	24	47	28					
Setting Pods	22	n/a	8	6					

WEATHER FOR WEEK ENDING JULY 14, 2002 - Temperatures ranged from 58 degrees at Boise City on Saturday, July 13th to 102 degrees at Hooker and Fairview Wednesday, July 10th . Precipitation averaged 0.02 in. West Central district to 1.05 in. North Central district. Individual Mesonet Stations ranged from 0.00 in. at several stations to 2.47 in.at Newkirk. Soil temperatures averaged 75 degrees at May Ranch on Saturday, July 13th to 94 degrees at Durant on Thursday, July 11th.

MESONET TEMPERATURE AND PRECIPITATION DATA							
Week Ending July 14, 2002							
Districts	Temperature			Precipitation			
	High	Low	Average	This Week	March 1 to July 14, 2002		
					Total	Departure from Normal	Percent of Normal
Degrees			Inches				
Panhandle	91	66	78.5	0.52	5.73	- 5.18	53
West Central	91	68	79.6	0.02	11.69	- 3.03	79
Southwest	92	70	80.3	0.36	12.96	- 2.08	86
North Central	91	68	79.4	1.05	12.77	- 2.88	82
Central	91	69	79.3	0.24	15.44	- 2.69	85
South Central	92	70	80.1	0.26	18.91	+ 0.21	101
Northeast	90	69	78.6	0.60	17.42	- 1.78	91
East Central	90	70	78.9	0.55	20.37	- 0.15	99
Southeast	92	69	79.4	0.62	25.01	+ 3.36	116